

Version with Markings to Show Changes Made**I CLAIM:**

- 1(amended). An electric meter operation testing device, comprising:
 - a case enclosing an electrical circuit capable of carrying up to 240 volts of electricity;
 - said circuit comprising at least a pair of connection leads, the first lead of said pair connected in series through a circuit breaker [and] to an element capable of generating a measurable resistance with at least two terminals, said first lead connected to one of said terminals;
 - the second [of said pair of connection leads] terminal of said element connected to [said element at the other of said terminals] the second of said pair of connection leads ; and
 - a light connected in series between said [element] second terminal of said element and said second connection lead.
2. An electric meter operation testing device according to claim 1, wherein said circuit further comprises a fuse between said first lead and said circuit breaker.
3. An electric meter operation testing device according to claim 2, wherein said fuse is capable of carrying 20 amps.
4. An electric meter operation testing device according to claim 1, wherein said circuit further comprises a thermostat between said first lead and said circuit breaker.
5. An electric meter operation testing device according to claim 4, when said thermostat is a 150° F thermostat with a cool-down reset of 20°F.
6. An electric meter operation testing device according to claim 1, wherein said circuit breaker is an off-on switch.
7. An electric meter operation testing device according to claim 1, wherein said light is a 1/3 watt, 250 volt red light.
8. An electric meter operation testing device according to claim 1, wherein said pair of connection leads end in clips.
9. An electric meter operation testing device according to claim 1, wherein said first of said pair of connection leads ends in a clip and said second of said pair of connection leads ends in a probe.
10. An electric meter operation testing device according to claim 1, wherein said element is a 240 volt 2000 watt element.
11. An electric meter operation testing device according to claim 1, wherein said element is a 240 volt 2000 watt dry water heater element.

attaching said second of said leads to a second phase terminal of said meter;
activating said circuit by closing said circuit breaker;
generating a resistance;
noting the generation of said resistance;
noting the activation of said light;
detaching said pair of connection leads from said meter; then
repeating said attaching sequence for each combination of the poly-phase terminals of said meter.

18. A method of testing the operation of a poly-phase electric meter according to claim 16, wherein said element is a 240 volt 2000 watt element.

19. A method of testing the operation of a poly-phase electric meter according to claim 16, wherein said element is a 240 volt 2000 watt dry water heater element.

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A copy of page 4 of the specification with these corrections is attached herewith.

IN THE CLAIMS:

Please amend claims 1, 12 as follows:

1(amended). An electric meter operation testing device, comprising:
a case enclosing an electrical circuit capable of carrying up to 240 volts of electricity;
said circuit comprising at least a pair of connection leads, the first lead of said pair connected in series through a circuit breaker [and] to an element capable of generating a measurable resistance with at least two terminals, said first lead connected to one of said terminals;
the second [of said pair of connection leads] terminal of said element connected to [said element at the other of said terminals] the second of said pair of connection leads;
a light connected in series between said [element] second terminal of said element and said second connection lead.

12(amended). A method for testing the operation of a single phase electric meter comprising the steps:
attaching one of a pair of connection leads from a device comprising an electrical circuit with means for generating a resistance and means for noting the generation of said resistance capable of carrying up to 240 volts of electricity to a neutral or ground on said meter;
attaching the other of said pair of connection leads from said device to a terminal of said meter;
activating said circuit;
generating a resistance;
noting the generation of said resistance;
noting the activation of said meter; then
disengaging said connection leads from said meter.

REMARKS

The present invention provides a portable testing device to be used by utility service personnel to determine if an electric meter will operate when a load is applied to it. The present invention does not test for the accuracy of a meter nor does it purport to recalibrate a meter. The present invention is intended as a simple test of the functioning of a meter when under a load. The present invention is intended to be used by field personnel to test the basic operation of a meter that is indicating low or no usage during a billing cycle. The present invention saves time and money by enabling testing at the meter in the field without having to disconnect the meter,